

# Notice of Allowability

Application No.

10/525,386

Applicant(s)

TAGUCHI ET AL.

Examiner

Manish S. Shah

Art Unit

2853

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment and Terminal Disclaimer Submitted on 7/2/2007.

2. ☒ The allowed claim(s) is/are 1-18 and 20-30.

3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☒ All b) ☐ Some\* c) ☐ None of the:

1. ☒ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.

3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.

(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_

4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other \_\_\_\_\_

  
**MANISH S. SHAH**  
**PRIMARY EXAMINER**

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

**Abstract:**

Replace the Abstract as below:

--The object of the present invention is to provide an inkjet recording ink ensuring excellent ejection stability even after aging of the ink and also exhibiting excellent weather resistance; provide an inkjet recording ink ensuring less blurring of the image drawn, in addition to excellent ejection stability and weather resistance; and provide a yellow ink and a dark yellow ink, which can contribute to realization of a pictorial quality with excellent color balance as a constituent ink of an ink set. These objects of the present invention can be achieved by an inkjet recording ink including an aqueous medium containing a yellow dye, particularly, a yellow dye represented by formula (1), having spectral absorption characteristics such that the maximum absorption wavelength is in the region from 390 to 470 nm and the absorption long-wave end has a tailing of a specified value or less, and antioxidative characteristics such that the ozone enforced discoloration rate constant is  $5.0 \times 10^{-2}$  [hour<sup>-1</sup>] or less. Furthermore, when the ink contains a diamino compound represented by formula (A), a carbonyl group (or sulfo group or the like)-containing cyclic compound represented by formula (B) and an

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organic solvent having a specific structure, the effect of the present invention is enhanced.--

***Terminal Disclaimer***


2. The terminal disclaimer filed on 07/02/2007 disclaiming the terminal portion of any patent granted on this application, which would extend beyond the expiration date of any patent granted on US Application Number 10/503,764 has been reviewed and is accepted. The terminal disclaimer has been recorded.
3. The terminal disclaimer filed on 07/02/2007 disclaiming the terminal portion of any patent granted on this application, which would extend beyond the expiration date of any patent granted on US Application Number 10/771,464 has been reviewed and is accepted. The terminal disclaimer has been recorded.
4. The terminal disclaimer filed on 07/02/2007 disclaiming the terminal portion of any patent granted on this application, which would extend beyond the expiration date of US Patent Number 7,083,664 has been reviewed and is accepted. The terminal disclaimer has been recorded.
5. The terminal disclaimer filed on 07/02/2007 disclaiming the terminal portion of any patent granted on this application, which would extend beyond the expiration date of US Patent Number 7,022,170 has been reviewed and is accepted. The terminal disclaimer has been recorded.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Manish S. Shah whose telephone number is (571) 272-2152. The examiner can normally be reached on 8:00am-4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen D. Meier can be reached on (571) 272-2149. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Manish S. Shah  
Primary Examiner  
Art Unit 2853

MSS

7/20/07